

Name: Cedar Tran

Date: 7/9/14

WEEKLY ONE SENTENCER:

working on EBS + mCherry

DAILY ONE SENTENCER:

- Check to see if our mCherry works compared to DsRed's  
METHOD(S) OF CHOICE: - increase yield by increasing the cycles

- gel

- PCR

EXPECTED RESULT:

- confirmation gel: ~ 2.7 kb

- PCR: ~~400~~ ~ 1 kb

(☒ Check if APE file exists on Drive)

TEMPLATE(S): mCherry

OLIGO(S): 74-77, 303

THERMOCYCLER SETTINGS:

94°-2', { 94°-15", 65°C-15", 68°-1.5', } x 35, 68-4' - 4°C

CONTROLS:

POSITIVE:

CONFIRMATION?

gel

GEL LANE ORDER:

① L ~~10~~ 24 75 36 77 N

② L mL3 mC4 405 (one)

GEL PICTURE / OTHER SPACE:

140709 EBS + mCherry 35 cycles

140709 mCherry Confirmation

NEGATIVE:

no polymerase

Name: Katie Fitton

CONFIRMATION?

Date: 7/9/14

WEEKLY ONE SENTENCER:

thin gel

Continue working on RBS & promoters

DAILY ONE SENTENCER:

L 74 75 76 77 362 N

Run PCR w/ RBS promoters (74-77) & melanin

GEL PICTURE / OTHER SPACE:

METHOD(S) OF CHOICE:

PCR gel electrophoresis

~~PCR gel electrophoresis~~

EXPECTED RESULT:

band @ 1 kb

☒ check if APE file exists on Drive)

TEMPLATE(S): melin3

OLIGO(S): 363 & 74-77

THERMOCYCLER SETTINGS: RBS 65 w/ 35 cycles

CONTROLS:

POSITIVE:

362 & 363

NEGATIVE:

w/o polymerase